

*To the Chairman and Members of the Urban District Council,
Seghill.*

ANNUAL REPORT, 1900.

GENTLEMEN,

The following is my Annual Report as Medical Officer of Health, for the year 1900.

Forty-five deaths have occurred in the district during the year,—25 Males and 20 Females, and estimating the population at 2,400, this gives an annual mortality at the rate of 18·75 per thousand of the population.

The rates for the last 10 years will be found in Table I. attached to this Report.

Seventy-seven Births have been registered during the year, giving a birth rate of 32·08 per thousand of the estimated population. The average birth rates for the last 10 years will also be found in Table I.

The different causes of death and ages are shewn in Table IV.

The different Months, Quarters & Half-years in which the various deaths occurred are as follows :—

Jany.	Feby.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1	6	3	7	2	3	9	0	5	3	3	3
10		12			14			9			
22			23			45					

INFANT MORTALITY.

Nine deaths took place under 1 year of age, shewing an infant mortality at the rate of 3·7 per thousand of the population, and of 116·8 per thousand births registered. See Table I.

The average rate for the last ten years was 179·0. See Table I.

INFECTIOUS DISEASE.

Twenty cases of infectious disease have been notified under the Infectious Diseases (Notification) Act, during the year of which the nature and ages are shewn in Table III.

The only two forms were Scarlet Fever and Enteric or Typhoid Fever.

SCARLET FEVER.

This disease first appeared in Seghill Village, in February, in a boy 5½ years of age, and being of a severe character proved fatal. Another death occurred in March, in a girl aged 4.

The outbreak continued during the year in the village, but assumed a more favourable character, and no more deaths took place.

In all 18 cases were notified up till December 6th, when the Disease appeared at the Middle and West Farms in the beginning of 1901.

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ENTERIC AND TYPHOID FEVER.

A case of enteric fever occurred at Backworth Cottages, in May, and was of a mild type. These Cottages are 2 isolated dwellings, separated from the majority of the houses in the district, but are situated beside an open sewer which flows through the field. Immediately on the case occurring, steps were taken to cover the sewer by placing it in sanitary pipes for a considerable distance away from the cottages, and in their immediate vicinity. In August, however, another case of the disease occurred in the same house, and was also of a favourable nature. No other cases appeared either here or in the district.

I would recommend the Council to have this sewer entirely covered by being put into sanitary pipes throughout its whole length, as it was undoubtedly the cause of the disease at this place.

One death in the district has also been returned as resulting from Influenza, but no epidemic of this disease existed.

ZYMOTIC MORTALITY.

A total of 4 deaths resulted from the usual forms of Zymotic disease, viz. :—Scarlet Fever, 2; Influenza, 1; Enteritis, 1. These figures give a mortality from this cause at the rate of 1·6 per thousand of the estimated population. See Table 4.

SANITARY WORK.

The general sanitation of the district has been very much improved by the introduction of the ash closets which are well attended to and regularly emptied. The general cleanliness of the village has also been much improved by the consequent removal of the huge magazines of ashes and refuse, which so long disfigured the district everywhere. In every respect the sanitary condition of the district continues most satisfactory.

THE ISOLATION HOSPITAL.

No cases have been treated during the year in the Isolation Hospital, which is indeed at present occupied by several families, who could however be removed on short notice, if it were required for isolation purposes.

INSPECTION OF THE DISTRICT.

I have made frequent inspections of the district during the year, especially those parts where infectious disease existed.

I am glad to present the Council again with a satisfactory report of the sanitary condition of the District, and although the outbreak of Scarlet Fever existed to the extent of 18 cases, the general and Zymotic mortalities of the district have been satisfactory.

I am, Gentlemen,

Your obedient Servant,

ROBT. ANDERSON, M.D., &c.,

MEDICAL OFFICER OF HEALTH.

Gateshead,

March 1st, 1901.

TABLE I.

Name of District Elghill (Urban)

For Whole District.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		DEATHS UNDER ONE YEAR OF AGE.		DEATHS AT ALL AGES. TOTAL.		DEATHS IN PUBLIC INSTITUTIONS.	Deaths of Non-residents registered in District.	Deaths of Residents registered beyond District.	DEATHS AT ALL AGES. NETT.	
		Number.	Rate.*	Number.	Rate per 1,000 Births registered.	Number.	Rate.*				Number.	Rate.*
1	2	3	4	5	6	7	8	9	10	11	12	13
1890.	2300	80	34.7	14	175.0	41	17.8					
1891.	2300	95	41.3	14	147.0	41	17.8					
1892.	2300	87	37.8	16	184.1	36	15.6					
1893.	2300	69	30.0	11	159.4	47	20.4					
1894.	2300	86	37.3	10	116.2	35	15.2					
1895.	2300	76	33.0	9	118.4	46	20.0					
1896.	2300	67	29.1	11	164.1	38	16.5					
1897.	2300	51	22.1	8	156.8	28	12.1					
1898.	2300	66	28.6	15	227.2	44	19.1					
1899.	2300	73	31.7	25	342.4	51	22.1					
Averages for years 189 ~1899.	2300	75	32.5	13	179.0	40	17.6					
1900.	2400	77	32.08	9	116.8	45	18.75					

* Rates calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “Non-residents” is meant persons brought into the district on account of illness, and dying there; and by the term “Residents” is meant persons who have been taken out of the district on account of illness, and have died elsewhere.

Area of District in acres (exclusive of area covered by water). } 142.5

Total population at all ages.....2269

Number of inhabited houses.....

Average number of persons per house.....

At Census of 1891.

TABLE II.

Name of District

Seephill (Urban)

NAMES OF LOCALITIES.	1. <i>Seephill</i>				2. _____				3. _____				4. _____				5. _____				6. _____				7. _____			
	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.																												
1890 ..	2300	80	41	14																								
1891 ..	2300	95	41	14																								
1892 ..	2300	87	36	16																								
1893 ..	2300	69	47	11																								
1894 ..	2300	86	35	10																								
1895 ..	2300	76	46	9																								
1896 ..	2300	67	38	11																								
1897 ..	2300	51	28	8																								
1898 ..	2300	66	44	15																								
1899 ..	2300	73	51	25																								
Averages of Years 1890 to 1899.	2300	75	40.7	13.3																								
1900 ..	2400	77	45	9																								

NOTES.—(a) The separate localities adopted for this table should be areas of which the populations are obtainable from the census returns, such as wards, parishes or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district : and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring beyond the district are to be included in sub-columns c of this table, and those of non-residents registered in the district excluded. (See note on Table I. as to meaning of terms “resident” and “non-resident.”)

(c) Deaths of residents occurring in public institutions are to be allotted to the respective localities, according to addresses of the deceased.

TABLE III.

[See Instructions on page 3 of Memorandum as to Reports of Medical Officers of Health.]

Cases of Infectious Disease notified during the Year 19 .

Seppell (Haban) District.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.						TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.						
	At all Ages.	At Age†—Years.					1	2	3	4	5	6	7	1	2	3	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.													
Small-pox																				
Cholera																				
Diphtheria																				
Membranous croup ...																				
Erysipelas																				
Scarlet fever	18		8	10																
Typhus fever																				
Enteric fever	2					2														
Relapsing fever																				
Continued fever																				
Puerperal fever																				
Plague																				
*																				
Totals	20		8	10	2															

NOTES.—The localities adopted for this table should be the same as those in Tables II. and IV.
State the name of the isolation hospital, if any, used by the sick of the district. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district.
* This space may be used for record of other disease the notification (compulsory or voluntary) of which is in force in the district.
† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.

Seghill (Urban) District.

Causes of, and Ages at, Death during Year 1900.

CAUSES OF DEATH.	DEATHS IN WHOLE DISTRICT AT SUBJOINED AGES.							DEATHS IN LOCALITIES (AT ALL AGES).							DEATHS IN PUBLIC INSTITU- TIONS.
	All ages.	Under 1.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 65.	65 and up- wards.								
Small-pox															
Measles															
Scarlet fever	2		1	1											
Whooping-cough															
Diphtheria and mem- branous croup.															
Croup															
(Typhus															
Fever Enteric															
Other continued															
Epidemic influenza ...	1					1									
Cholera															
Plague															
Diarrhœa. (See notes at back.)															
Enteritis. (See notes at back.)	1		1												
Puerperal fever															
Erysipelas															
Other septic diseases ...															
Phthisis.	5-			2		3									
Other tubercular di- seases.	1			1											
Cancer, malignant di- sease.	1				1										
Bronchitis	4					1	3								
Pneumonia	7		4	1	1	1									
Pleurisy															
Other diseases of Res- piratory organs.															
Alcoholism } Cirrhosis of liver }															
Venereal diseases															
Premature birth	5-	5-													
Diseases and accidents of parturition.															
Heart diseases	4				1	2	1								
Accidents	2					2									
Suicides															
.....															
.....															
.....															
.....															
.....															
.....															
All other causes	12	4	1			2	5-								
All causes	45	9	7	5-	3	12	9								

NOTES.—(a) The deaths of residents occurring beyond the limits of the district are to be included in this table, and deaths of non-residents occurring in the district are to be excluded. See note on Table I. as to meaning of "Residents" and Non-residents."

(b) Deaths of residents occurring in public institutions are to be allotted to the respective localities according to the addresses of the deceased as given by the Registrars, and, in addition, to be classified under "Public Institutions."

(c) Under the heading of "Diarrhœa" are to be included deaths certified as from diarrhœa, alone or in combination with some other cause of ill-defined nature ; and also deaths certified as from

Epidemic enteritis ;

Zymotic enteritis ;

Epidemic diarrhœa. Summer diarrhœa ;

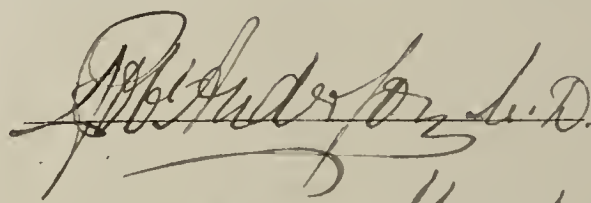
Dysentery and dysenteric diarrhœa ;

Choleraic diarrhœa, cholera, cholera nostras (in the absence of Asiatic cholera).

Under the heading of "Enteritis" are to be included those certified as from Gastro-enteritis, Muco-enteritis and Gastric catarrh, unless from information obtained by enquiry from the certifying practitioner or otherwise, the Medical Officer of Health should have reason for including such deaths, especially those of infants, under the specific term "Diarrhœa."

Deaths from diarrhœa secondary to some other well-defined disease should be included under the latter.

In recording the facts under the various headings of Tables I., II., III. and IV., attention has been given to the notes on the Tables.

 Medical Officer of Health.

Date March 1st 1901.

